

### **LISTING OF THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-36 (cancelled)

Claim 37 (previously presented): An isolated polynucleotide comprising:

- (a) a nucleotide sequence encoding a polypeptide having UDP-galactose 4-epimerase activity, wherein the polypeptide has an amino acid sequence of at least 95% sequence identity, based on the Clustal V method of alignment, when compared to SEQ ID NO:14, or
- (b) a full-length complement of the nucleotide sequence of (a).

Claim 38 (previously presented): The polynucleotide of Claim 37, wherein the amino acid sequence of the polypeptide comprises SEQ ID NO:14.

Claim 39 (previously presented): The polynucleotide of Claim 37 wherein the nucleotide sequence comprises SEQ ID NO:13.

Claim 40 (previously presented): A vector comprising the polynucleotide of Claim 37.

Claim 41 (previously presented): A recombinant DNA construct comprising the polynucleotide of Claim 37 operably linked to at least one regulatory sequence.

Claim 42 (previously presented): A method for transforming a cell, comprising transforming a cell with the polynucleotide of Claim 37.

Claim 43 (previously presented): A cell comprising the recombinant DNA construct of Claim 41.

Claim 44 (previously presented): A method for producing a plant comprising transforming a plant cell with the polynucleotide of Claim 37 and regenerating a plant from the transformed plant cell.

Claim 45 (previously presented): A plant comprising the recombinant DNA construct of Claim 41.

Claim 46 (previously presented): A seed comprising the recombinant DNA construct of Claim 41.